

**FACULTY OF SCIENCE
Meeting of Faculty
Tuesday, December 4, 2012
Leacock Council Room – L232**

ATTENDANCE:

Jim settled in California in 2000 with his wife Susan. After a brief stint pretending, or least trying to be retired, he returned to the classroom and taught high school Chemistry in the Bay area for another 6 years. Although firmly settled in California he loved Canada and was very proud of his Canadian passport and his gmail email name of "1Canajun".

The Faculty of Science extends its condolences to his wife Susan, his three daughters, Betsy, Stephanie, and Catherine, five grandchildren, and four step-children.

The resolution was adopted unanimously.

402.2 Dean Grant thanked Prof. Harpp for the very nice resolution.

(3) MINUTES OF OCTOBER 16, 2012

S-12-12

Prof. Harpp **moved**, seconded by Prof. Zuroff, that the Minutes be approved.

The motion carried.

(4) BUSINESS ARISING FROM THE MINUTES

There was no business arising from the Minutes.

MODERATE PROGRAM CHANGES

1) Neuroscience

- Minor in Neuroscience

AC-12-11

Associate Dean Hendren described the changes to the Minor in Neuroscience.

Associate Dean Hendren **moved**, seconded by Prof. Bell, that the changes be approved.

The motion carried.

- Major in Neuroscience

AC-12-12

Associate Dean Hendren described the changes to the Major in Neuroscience, listed in Document AC-12-12.

Associate Dean Hendren **moved**, seconded by Prof. Green, that the changes be approved.

The motion carried.

2) Earth System Science

- Major in Earth System Science

AC-12-16

405.8

Associate Dean Hendren said that the changes to the Major in Earth System Science would allow increased choice and reduced course overlap. Additionally, students would be required to take a course in computer science as well as one with societal content.

Associate Dean Hendren **moved**, seconded by Prof. Roulet, that the changes be approved.

The motion carried.

3) Microbiology & Immunology

- Liberal in Microbiology & Immunology
- Major in Microbiology & Immunology
- Honours in Microbiology & Immunology

AC-12-19

AC-12-20

AC-12-21

405.9

Associate Dean Hendren said that the changes were necessitated by the change in credit weight to MIMM 212.

Associate Dean Hendren **moved**, seconded by Prof. Roulet, that the changes be approved.

The motion carried.

NEW PROGRAMS:

1) Neuroscience

- Honours Program in Neuroscience

AC-12-13

405.10

Associate Dean Hendren said that the new Honours Program in Neuroscience consisted of the modified Major in Neuroscience, just approved, along with additional requirements and the new honours research course, NSCI 430D1/D2, also just approved.

Associate Dean Hendren **moved**, seconded by Prof. Dudek, that the program be adopted.

The motion carried.

2) Earth System Science

- Minor in Earth System Science

AC-12-15

405.11 Associate Dean Hendren said that the Minor in Earth System Science would consist of the four ESYS courses as required courses, with the addition of two Complementary courses from the three participating units, for a total of 18 credits.

Associate Dean Hendren **moved**, seconded by Prof. Roulet, that the program be adopted.

The motion carried.

- Honours in Earth System Science

AC-12-17

405.12 Associate Dean Hendren said that the Honours in Earth System Science would consist of the recently approved Major with additional requirements, plus the new research course.

Associate Dean Hendren **moved**, seconded by Prof. Roulet, that the program be adopted.

The motion carried.

NEW DEGREE DESIGNATION

- **B.Sc. (Global) Option**

AC-12-36

405.13 Associate Dean Hendren said that the B.Sc. (Global) Option would be completed within the 90 (120) credits of the B.Sc. requirements. The Global Option requirements could overlap with program requirements. Students would be awarded, for example, a B.Sc. Biology (Global).

405.14 The Global Option would consist of two required elements and at least one complementary element.

405.15 **Required Elements:**

- language course - at least 3 credits of a McGill language course, not the student's first language
- research course - at least 3 credits of any research course on the DMURL list

405.16 **Complementary Elements:**

- at least one of the following:

- 1) field studies course;
- 2) internship;
- 3) exchange;
- 4) global course(s) from Science or other faculties

405.17 The B.Sc. (Global) Option will be administered by the Global Options Coordinator, Ms. Martine Dolmière.

405.18 In response to a question, Dean Grant and Associate Dean Hendren said that either English or French would satisfy the language requirement, provided that the language was not the student's first language. Furthermore, even if a student was proficient in a number of languages, the language requirement would not be waived. The language

course would have to be a McGill course in order that fulfillment of the requirement could be easily verified.

405.19

A member was concerned that the global courses were not spelled out in the document. However, Associate Dean Hendren said that if the courses were spelled out, each time a new course was added, the global option would have to be brought back to Faculty. Units had been previously polled, and there were a very large number of courses at McGill which would satisfy the global requirement; having Martine Dolmière as coordinator would allow a consistent "vetting" of what constitutes a global course.

Associate Dean Hendren **moved**, seconded by Prof. Zuroff, that the B.Sc. (Global) Option be adopted.

The motion carried unanimously.

OTHER (For Information Only)

1) Science Courses to be Unretired

AC-12-23 (REVISED)

405.20

Associate Dean Hendren said that in response to a request from APC, Science had come up with a list of courses that could be retired. However, APC had in blanket fashion retired all courses which had had zero enrolment over the last five years. Science had

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majors and minors, so this need must be given priority over access to courses which are not necessary for program completion. The Provost will explore ways to improve opportunities for interdisciplinary study.

Another question concerned postgraduate supervision. Dean Kreiswirth described various McGill events, such as workshops and conferences, which are related to the supervisor-supervisee relationship, and described new projects along these lines that will be introduced this year. These include a supervision health scan which will be conducted in November, and the launch of a supervision knowledge base covering forty topics.

Provost Masi presented the document on Achieving Strategic Academic Priorities 2012 (ASAP). This was followed by a revised motion for endorsement which read: "Be it resolved that Senate endorse the basic principles and broad outline of ASAP 2012 as McGill's strategic academic plan with the understanding that all items emanating from this plan that require academic governance oversight are returned to this body for appropriate deliberation and action."

Senator Roulet commented that many of the items in the ASAP 2012 document will require deans and chairs and department members to actually talk to each other across disciplines. On the subject of key performance indicators (KPIs), Senator Gillon remarked that we must reflect on the data we gather, to ensure that we are actually tracking what we think we are tracking.

Provost Masi then presented the Final Administrative Response to the Principal's Task Force on Diversity, Excellence and Community Engagement regarding the current project by the Office of the Provost, the Office of the V.-P. (RIR), and the Office of the Chief Information Officer to make available all faculty CVs in a **similar electronic format**. Provost Masi indicated that a draft will be made available for comments by members of the University community.

Senator Dinel asked under whose authority the family care initiative would operate. The Provost indicated that it would operate under Associate Provost Nathalie Cooke.

Principal Munroe-Blum indicated that she would be presenting a report to the Senate on the family care initiative. The Provost indicated that it would operate under Associate Provost Nathalie Cooke.

in light of its use in applications to agencies like the Canadian Foundation for Innovation. The Vice-Principal stressed that it was a 'living document', and that the key areas listed in the document under the various research areas were only examples. Asked whether the document would be used to guide the allocation of resources, the Vice Principal informed Senate that meetings to discuss the latter had not yet taken place, but that the SRP would serve as an introduction to these meetings. The overall character of the SRP was endorsed by Senate.

Dean Chandra Madramootoo presented the Report of the Ad Hoc Committee on the Recording and Transmission of Senate Meetings, which recommends the introduction of live-streaming of Senate meetings to the McGill community on a trial basis in January. There was lively discussion of one proviso of this report, to the effect that recordings of the meetings would not be archived. An amendment removing this proviso was

